

TRIBUTARY



Water Education and Conservation Newsletter

Summer 2002

UWCF produces landscape water use video

Lawn Watering Made Simple

The Utah Water Conservation Forum is in the process of producing an educational video detailing the proper way to water your lawn.

The six-minute video for homeowners describes how to do a basic water check and also gives other helpful hints for saving water in the landscape.

Both Kevin and Mark Eubank are in it along with several local school children and Utah State Extension Professionals, including Dr. Kelly Kopp.

For more information, please contact Kelly Kopp at (435) 797-1523.

Water Education Goes on the Road

By Rick Webster, Water Education Coordinator

Recently the Division of Water Resources teamed with the Living Planet Aquarium and the Central Utah Water Conservancy District to create an education outreach program that will reach every 4th grade student within two years. This program is embodied in the "Waters of Utah" Van. The van visits every fourth grade class with a 45 min assembly. During this assembly the students are broken into four groups. These groups are put into stations. The stations include the water cycle, man's use of water and his place in the water cycle, native species of Utah waters and an evaporation/condensation experiment that will go back to the classroom with the students. This program is modeled after the fourth grade science CORE curriculum. It is designed to give the students a hands-on experience with the water cycle and help them understand their place within the cycle.

The water cycle station presents the students with a tabletop model showing evaporation, condensation, precipitation, run-off and describes the sun as the driving force behind the water cycle.

The second station resembles the first station but a small town has been included. Students see a reservoir that powers a power station, water diverted for agricultural use, water treatment, waste water treatment, evaporation, condensation, and precipitation. The discussion also focuses on conservation and what the students can do to help out.

The launching of the van was on May 29th at Jackson Elementary. After the presentation the students were excited to show what they learned by explaining the water cycle and they even added a few conservation tips of their own.

Any questions or comments are welcome at (801) 538-7299 or nrwres.rwebster@state.ut.us.

FACTOIDS

Let's Do the Numbers

- 3** Percent of all the earth's water that is fresh water
- 1** Percent of the earth's fresh water available for consumption by humans
- 10** Number of days a water molecule spends in the air once evaporated
- 40** Gallons of water per day carried across the US through the atmosphere
- 40** Percent of that atmospheric moisture that falls as precipitation each day
- 70** Percent of a living human adult that is water
- 75** Percent of a living tree that is water
- 75** Percent of a human brain that is water
- 400** Gallons of water recycled through a set of human kidneys each day

